

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030822\
 Data File : BF127260.D
 Acq On : 08 Mar 2022 16:02
 Operator : CG\JU
 Sample : N1763-17
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

Quant Time: Mar 09 01:18:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

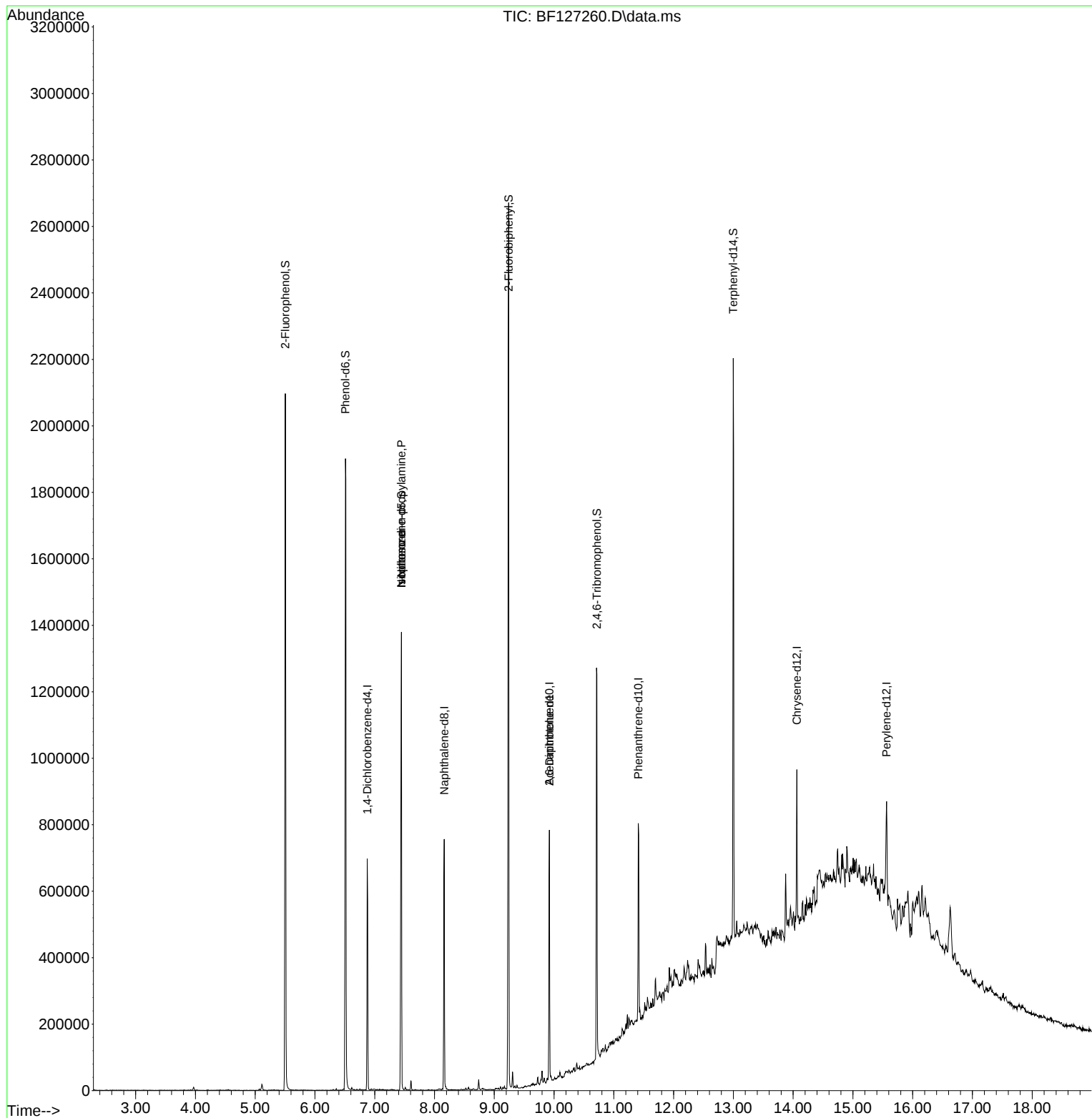
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	93089	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	314398	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	144560	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	205183	20.000	ng	0.00
76) Chrysene-d12	14.063	240	131746	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	110564	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	505421	83.916	ng	0.00
7) Phenol-d6	6.510	99	687588	84.605	ng	0.00
23) Nitrobenzene-d5	7.445	82	446097	64.045	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	149574	89.866	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	761090	77.507	ng	0.00
79) Terphenyl-d14	12.998	244	594128	66.294	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	61069	11.661	ng	# 78
25) Isophorone	7.445	82	444355	38.553	ng	# 69
51) 2,6-Dinitrotoluene	9.922	165	19944	9.487	ng	# 22

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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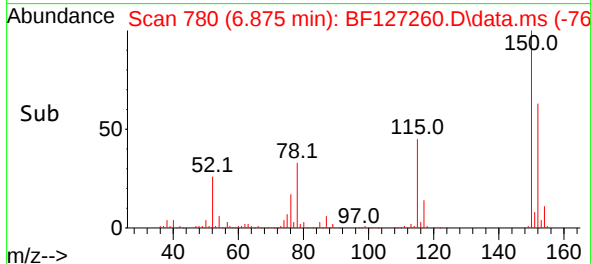
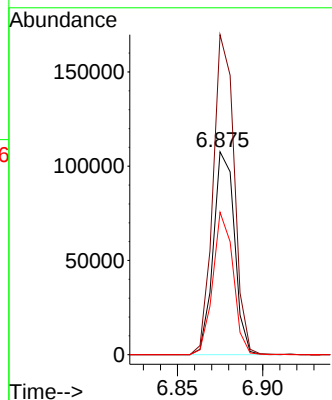
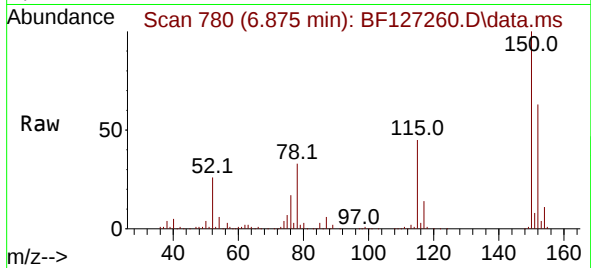




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127260.D
 Acq: 08 Mar 2022 16:02

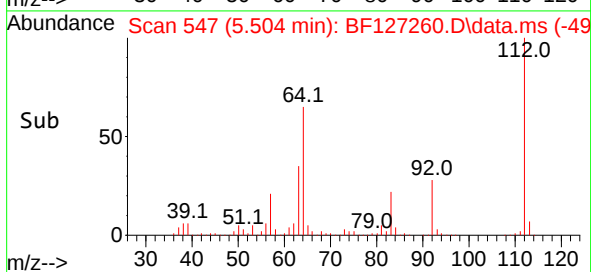
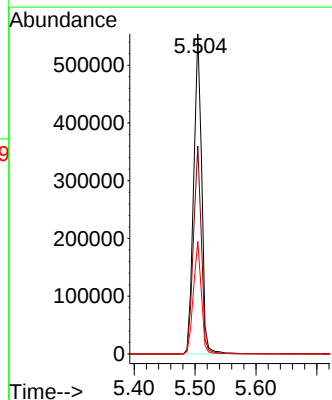
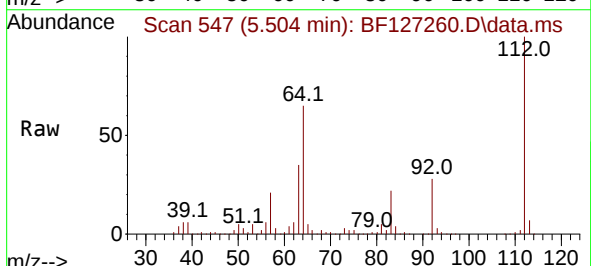
Instrument :
 BNA_F
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10

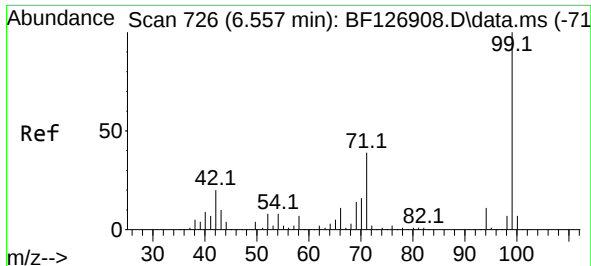
Tgt Ion:152 Resp: 93089
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 70.2 56.7 85.1



#5
 2-Fluorophenol
 Concen: 83.916 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127260.D
 Acq: 08 Mar 2022 16:02

Tgt Ion:112 Resp: 505421
 Ion Ratio Lower Upper
 112 100
 64 65.0 49.5 74.3
 63 35.1 23.9 35.9

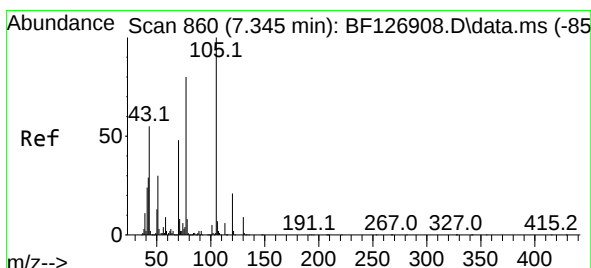
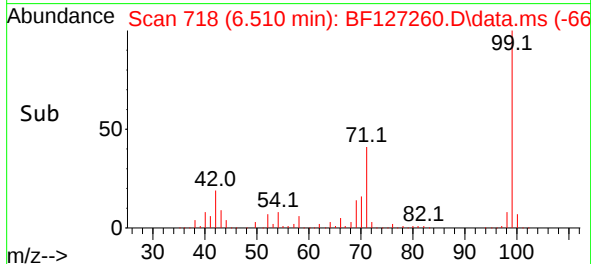
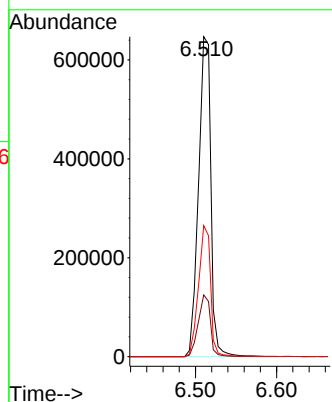
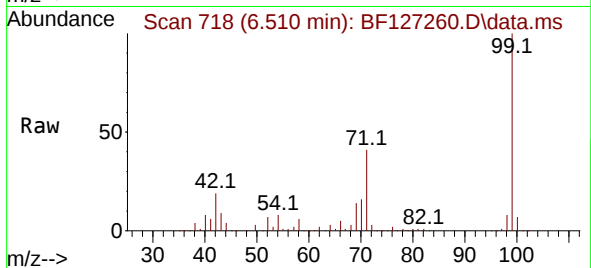




#7
Phenol-d6
Concen: 84.605 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

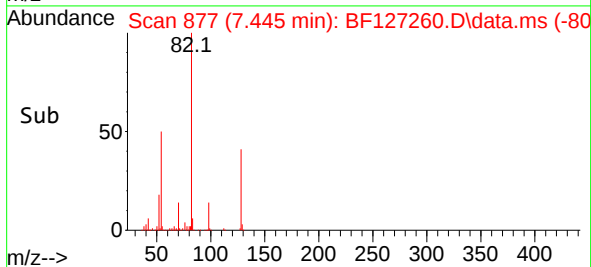
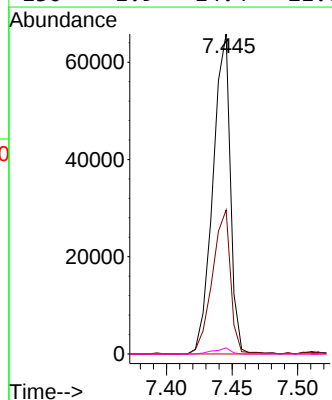
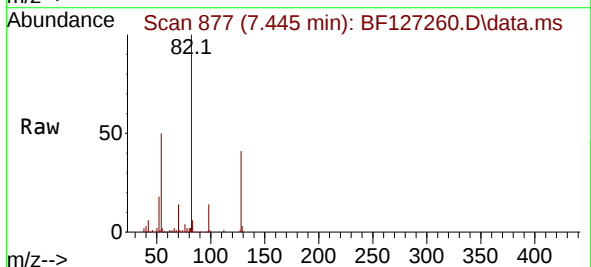
Instrument :
BNA_F
ClientSampleId :
19-20-SAMPLE-LOCATION-10

Tgt Ion: 99 Resp: 687588
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 40.9 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 11.661 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

Tgt Ion: 70 Resp: 61069
Ion Ratio Lower Upper
70 100
42 45.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.9 14.4 21.6#

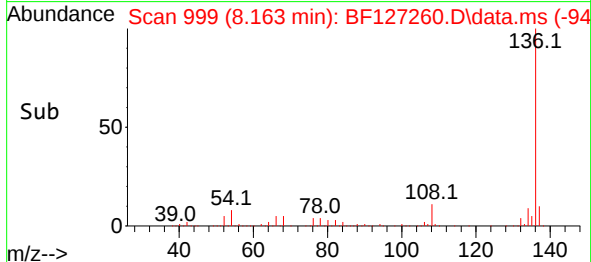
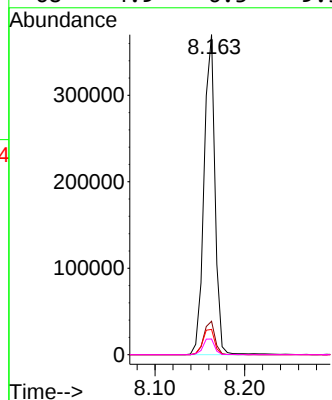
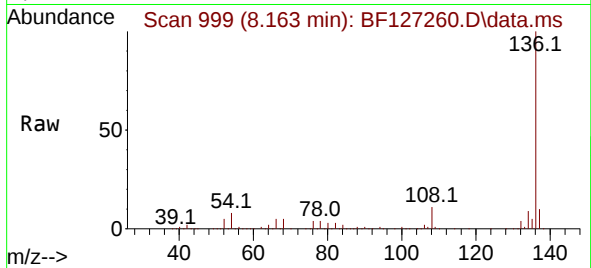




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

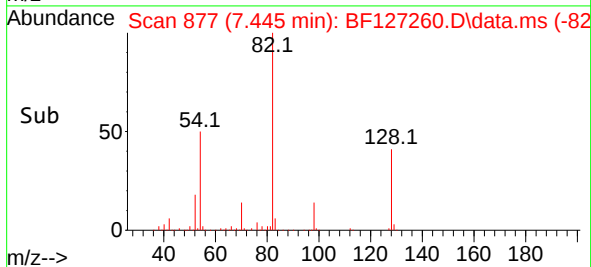
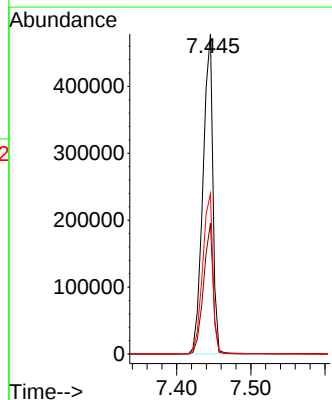
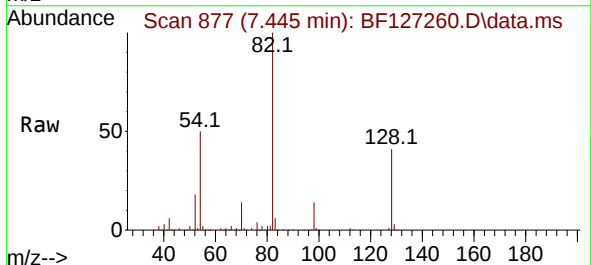
Instrument :
BNA_F
ClientSampleId :
19-20-SAMPLE-LOCATION-10

Tgt Ion:136 Resp: 314398
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.9 7.8 11.6
68 4.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 64.045 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

Tgt Ion: 82 Resp: 446097
Ion Ratio Lower Upper
82 100
128 40.9 32.7 49.1
54 50.1 41.7 62.5

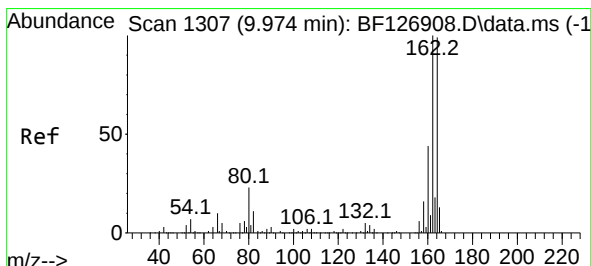
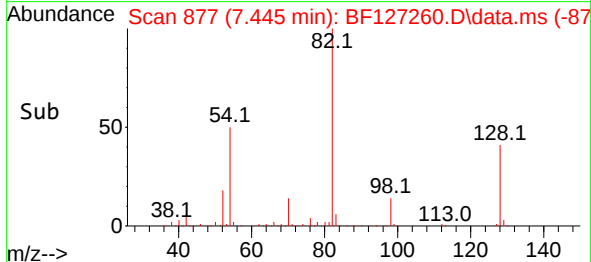
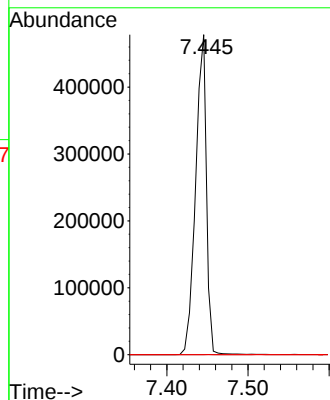
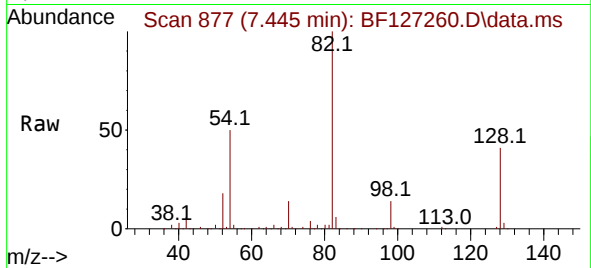




#25
Isophorone
Concen: 38.553 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

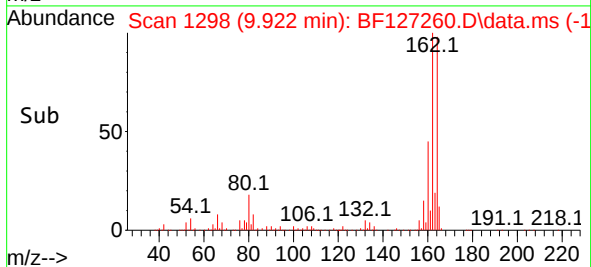
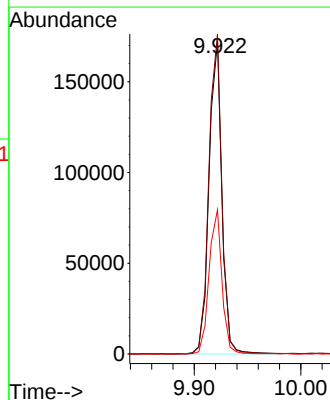
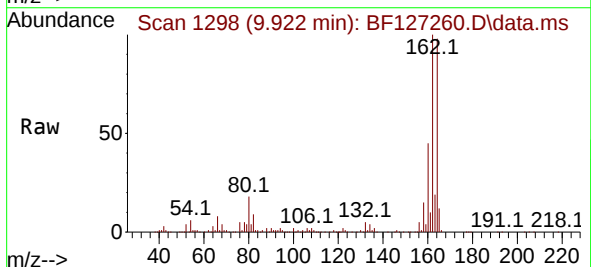
Instrument :
BNA_F
ClientSampleId :
19-20-SAMPLE-LOCATION-10

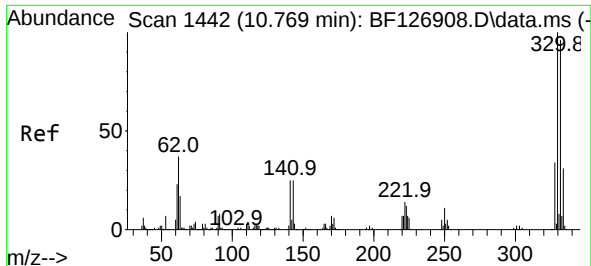
Tgt Ion: 82 Resp: 444355
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127260.D
Acq: 08 Mar 2022 16:02

Tgt Ion:164 Resp: 144560
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 46.1 36.6 54.8

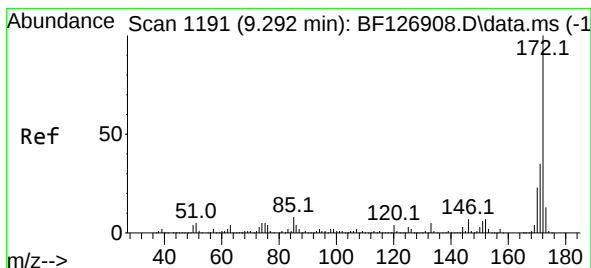
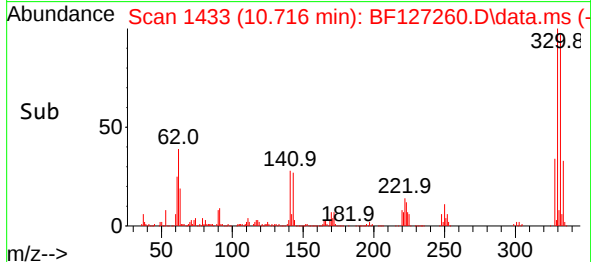
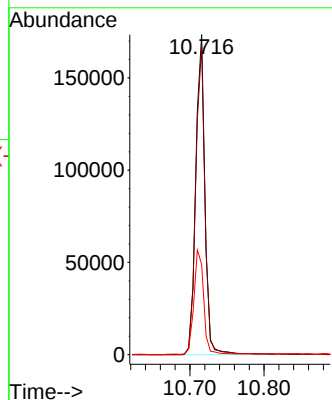
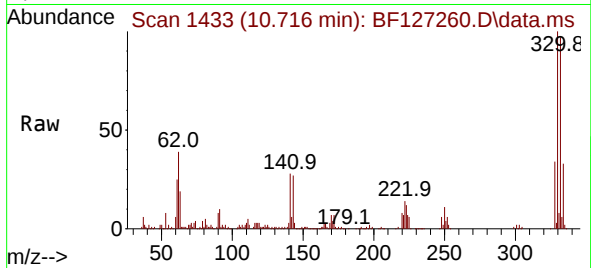




#42
 2,4,6-Tribromophenol
 Concen: 89.866 ng
 RT: 10.716 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF127260.D
 Acq: 08 Mar 2022 16:02

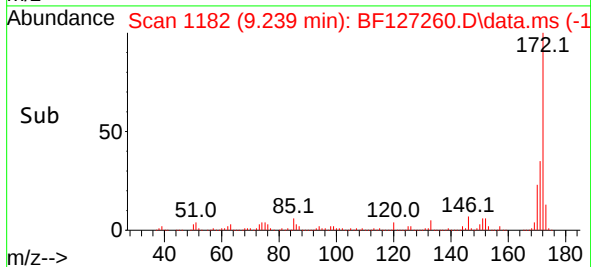
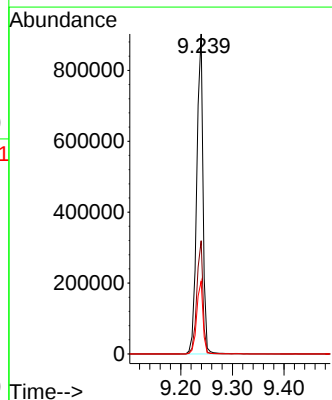
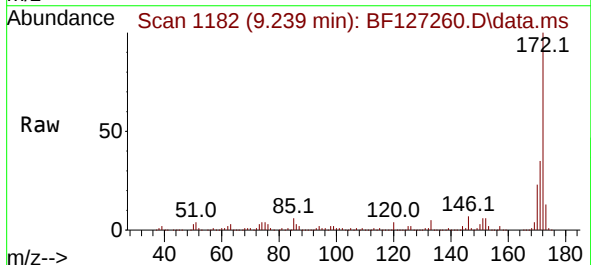
Instrument :
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 19-20-SAMPLE-LOCATION-10

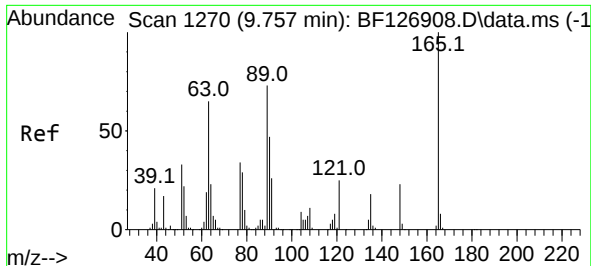
Tgt Ion: 330 Resp: 149574
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.0 114.0
 141 35.3 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 77.507 ng
 RT: 9.239 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF127260.D
 Acq: 08 Mar 2022 16:02

Tgt Ion: 172 Resp: 761090
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.3 42.5
 170 22.8 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.487 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF127260.D

Acq: 08 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

19-20-SAMPLE-LOCATION-10

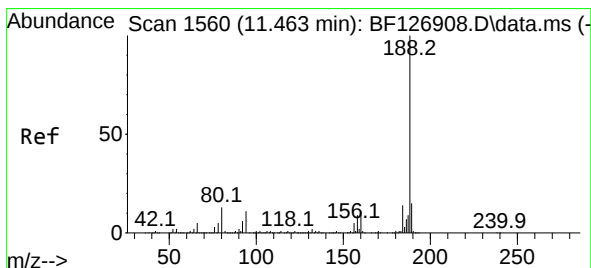
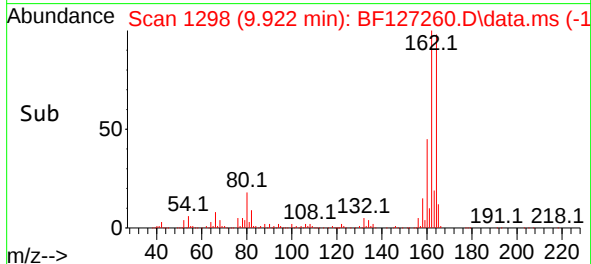
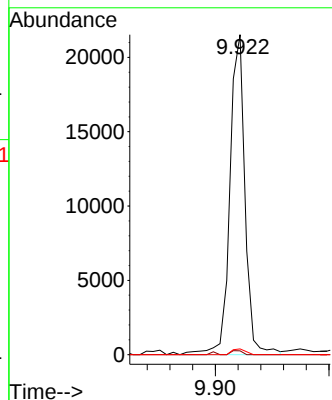
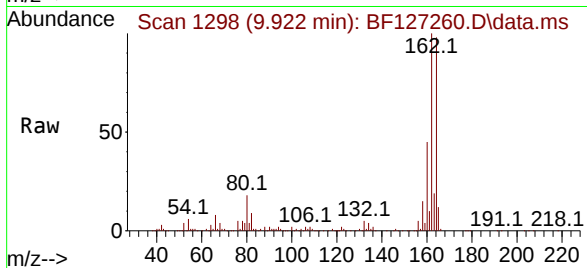
Tgt Ion:165 Resp: 19944

Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 1.8 50.5 75.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1551

Delta R.T. -0.006 min

Lab File: BF127260.D

Acq: 08 Mar 2022 16:02

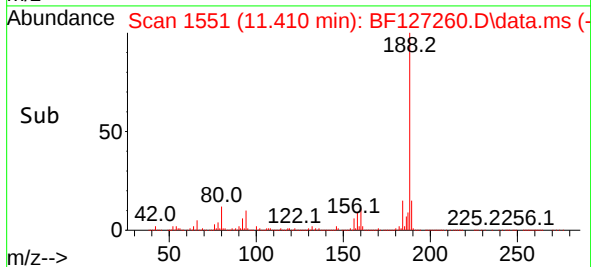
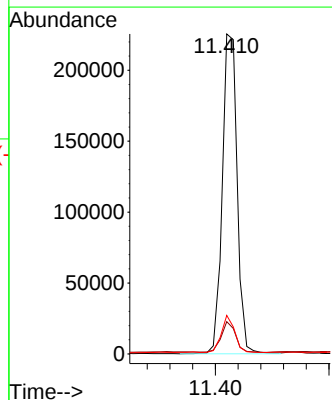
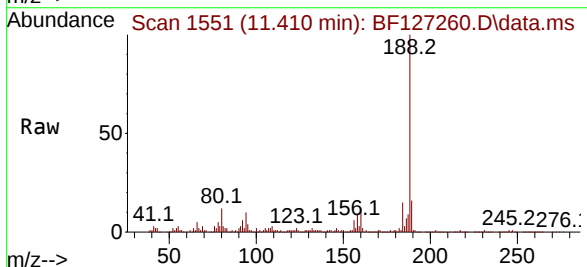
Tgt Ion:188 Resp: 205183

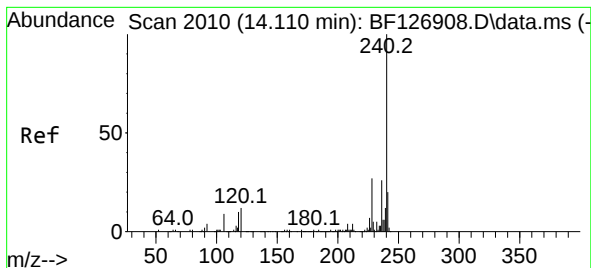
Ion Ratio Lower Upper

188 100

94 10.1 10.1 15.1

80 12.0 11.8 17.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127260.D

Acq: 08 Mar 2022 16:02

Instrument :

BNA_F

ClientSampleId :

19-20-SAMPLE-LOCATION-10

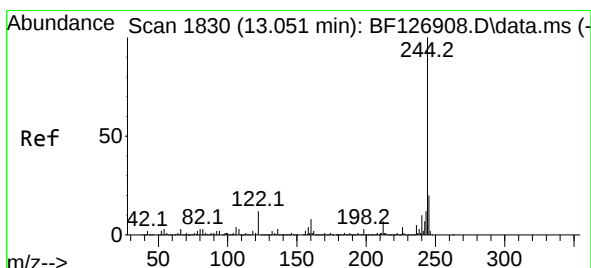
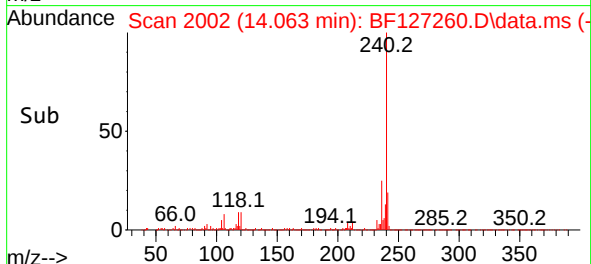
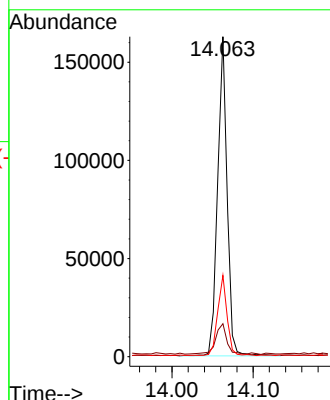
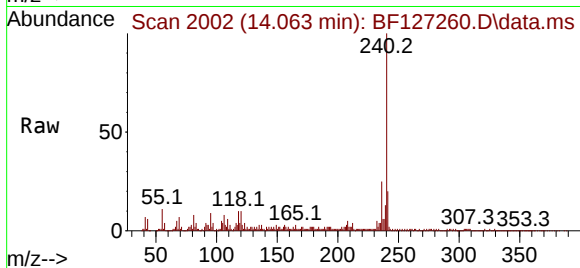
Tgt Ion:240 Resp: 131746

Ion Ratio Lower Upper

240 100

120 10.3 14.4 21.6#

236 25.4 20.5 30.7



#79

Terphenyl-d14

Concen: 66.294 ng

RT: 12.998 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF127260.D

Acq: 08 Mar 2022 16:02

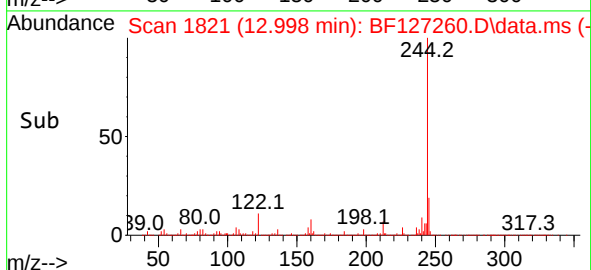
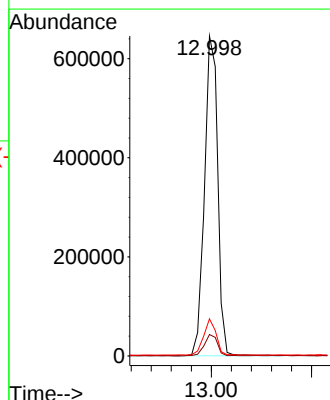
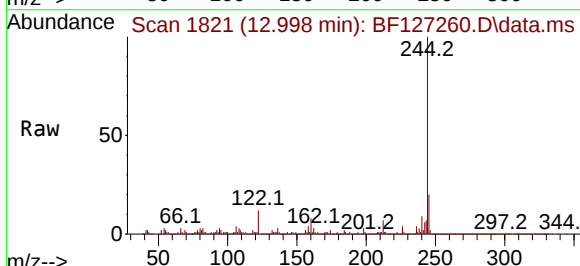
Tgt Ion:244 Resp: 594128

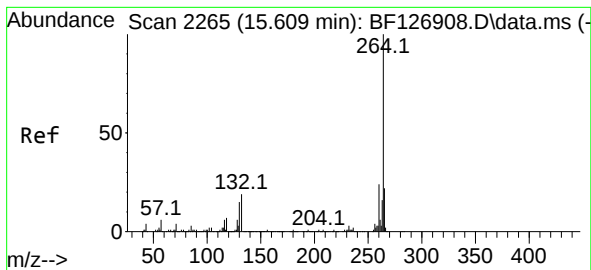
Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

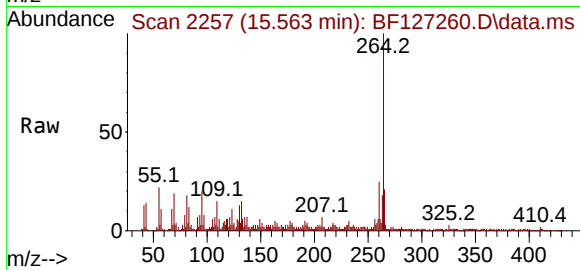
122 11.6 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF127260.D
 Acq: 08 Mar 2022 16:02

Instrument :
 BNA_F
 ClientSampleId :
 19-20-SAMPLE-LOCATION-10



Tgt Ion:264 Resp: 110564

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.2	17.4	26.2

